**Ch. DHEERPAL GOVERNMENT COLLEGE, BADLI**

**Session: 2021-23**

**LESSON PLAN**

**M.A. II Semester 16GEO23C3: ENVIRONMENTAL GEOGRAPHY**

**Faculty: NISHA MALIK**

10.02.23 to 16.02.23: Nature and scope of environmental geography, fundamental concepts.

17.02.23 to 21.02.23: Approaches of methods in environmental geography, relationship with other branches of knowledge, environment, and ecology.

23.02.23 to 03.02.23: Meaning, structure and type of environment, Ecology: meaning scope and concepts,

subdivision of ecology.

12.03.23 to 16.03.23: Ecosystem: meaning, concepts, classification and components of ecosystem.

17.03.23 to 23.03.23: Trophic structure, ecological pyramid, energy flow and biogeochemical cycles, ecological regions of India.

24.03.23 to 30.03.23: Environmental pollution- meaning, types, sources, causes and impacts.

31.03.23 to 05.04.23: Air, water and land pollution.

06.04.23 to 12.04.23: Environmental degradation: nature, process, types and causes, greenhouse effect.

13.04.23 to 20.04.23: Global warming, ozone depletion, desertification.

21.04.23 to 28.04.23: Environmental management: concepts, methods, approaches, management of soil and forest.

29.04.23 to 03.05.23.: Management of mineral resources, disaster management.

04.05.23 to 08.05.23: Conservation of natural resources, emerging environmental issues in India.

09.05.23 to 12.05.23: Fundamental policies, programmes of environmental protection.

13.05.23 to 14.05.23: Awareness and movements for environmental protection.

15.05.23 to 15.05.2023: Revision

**Ch. DHEERPAL GOVERNMENT COLLEGE, BADLI**

**Session: 2021-23**

**LESSON PLAN**

**M.A. IV Semester 17GEO24CL2: SATELLITE IMAGES AND ITS INTERPRETATION**

**Faculty: NISHA MALIK**

**16.01.2023 to 04.03.2023**

Kinds of satellite images, Study of a satellite image - annotation (IRS - IB, IRS- IC etc.), Visual interpretation of a satellite image. Separating physical and cultural features on an image. Identification of objects on panchromatic, true colour and FCC images and their comparison.

**13.03.2023 to 10.04.2023**

Identification and mapping of land use/land cover on satellite images, Study of thermal image and interpretation of various features, Study of Radar image and interpretation of various features, Acquisition of open-source satellite data from USGS / GLOVIS.

**11.04.2023 to 09.05.2023**

Acquisition of open-source satellite data from USGS / GLOVIS. Acquisition of open-source satellite data from BHUVAN (ISRO), Acquisition of open-source satellite data from BHUVAN (ISRO).

**10.05.2023 to 16.05.2023**

Revision and File Check